

01-11-01

GAU 3737

PATENT

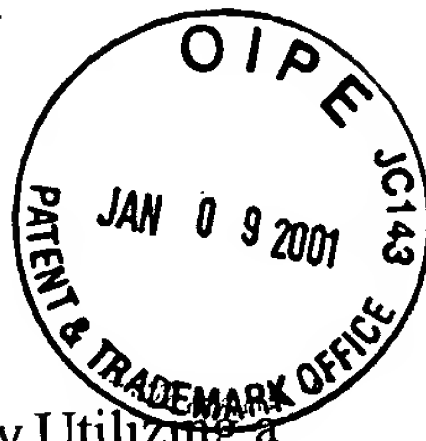
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: BIEL, Merrill A.

Serial No: 09/514,070

Filing Date: February 26, 2000

Title: Photodynamic Therapy Utilizing a  
Solution of Photosensitizing Compound  
and Surfactant



Attorney Docket No.: 22,272-14

Art Group Unit: 3737

Examiner:

Transmittal

Assistant Commissioner of Patents  
Washington, D.C. 20231

TRANSMITTAL

Sir/Madam:

Enclosed for filing please find the following:

1. Preliminary Amendment;
2. Check in the amount of \$1098.00; and
3. Return Receipt Post Card.

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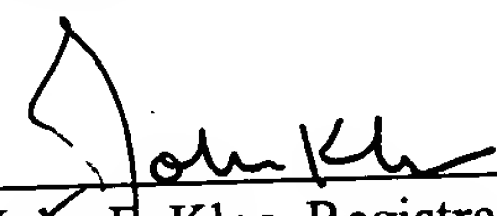
Please charge any further fees necessitated by this correspondence to Deposit Account 12-0449.

Please direct any questions or comments to John F. Klos at (952) 896-1520.

Respectfully submitted,

Date: January 9, 2001.

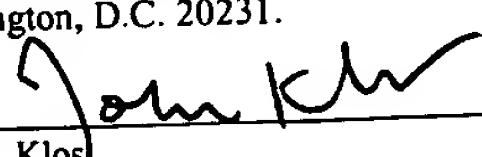
By:

  
John F. Klos, Registration No. 37,162  
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Date of Deposit January 9, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks Washington, D.C. 20231.

  
John F. Klos

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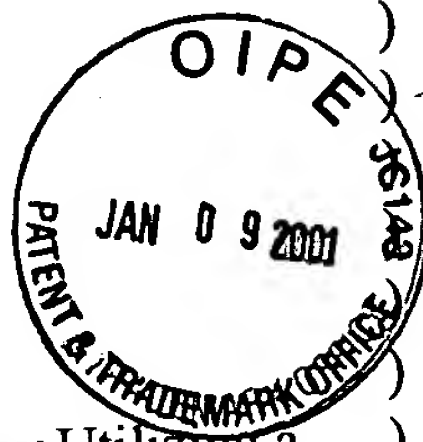
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Preliminary Amendment

Assistant Commissioner for Patents  
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PRELIMINARY AMENDMENT

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Before any Office Action is issued on the above-captioned application, please enter the following Preliminary Amendment to the specification:

In the Claims:

- Sub 1*
1. (amended) A method of [treating] photoeradication of cells comprising the steps of:
- identifying an area of [infection or an area of sterilization or an area of cancer] cell activity;
- applying a concentration including a combination of a surfactant and a photosensitizing [dye compound] agent to the area of [infection or the area of sterilization or the area of cancer] cell activity, said surfactant producing a disorientation of a cell membrane so that said cell membrane no longer functions as an effective osmotic barrier; and
- A 1*
- exposing the area of [infection or the area of sterilization or the area of cancer] cell activity [with] to a light having a light wavelength, light dosage and a light dosage rate.
2. The method of photoeradication of cells of claim 1 wherein the light wavelength ranges from about 400 nm to about 800 nm, the light dosage ranges from about 10 J/cm<sup>2</sup> to about 100 J/cm<sup>2</sup> and the light dosage rate ranges from about 50 mw/cm<sup>2</sup> to about 200 mw/cm<sup>2</sup>.

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